



Agriculture Across Michigan

Michigan Annual Crop Summary

Michigan growers had another great crop year, with new record yields realized for corn, soybeans, and sugarbeets. Ideal planting conditions in the spring allowed farmers to plant most crops well ahead of schedule, and the mild growing season provided excellent conditions for crops, allowing many farms to complete harvest well ahead of normal. Some highlights of the Crop Production Summary are as follows:

Michigan's average corn for grain yield was 162 bushels, up 1 bushel from last year's record high. Grain production, at 335 million bushels, was down slightly from last year due to decreased harvested acres. While yields were lower than what had been forecast, they were still very good or excellent across most of the State's principal corn-growing areas. Silage yield, at 19.0 tons per acre, was down 1.5 tons from last year.

Soybean yield, at 49 bushels, was up 6.5 bushels per acre from last year and 3 bushels per acre above the previous record yield set in 2006.

Soybean harvested acres at 2.02 million acres was down 20,000 acres from last year. Production, at 99.0 million bushels, was also a state record, up 14 percent from 2014.

Sugarbeet yield, at 31.7 tons per acre, was up 2.4 tons per acre from last year. Production, at 4.79 million tons, was a new State record, up 9 percent from 2014. Acreage harvested, at 151,000 acres, was up 1,000 acres from last year.

Dry bean production in the State totaled 5.53 million hundredweight, a 26 percent increase from the previous year. Yield per acre was 90 pounds more than 2014, and acres harvested was up by 46,000 acres, which resulted in a significant increase in production. Many dry bean growers reported above average yields, and there were few reports of significant water damage to the crop.

All hay production was 2.60 million tons, up 1 percent from last year.

Crop Summary, January 2016

Commodity	Michigan			United States		
	2013	2014	2015	2013	2014	2015
Beans, dry						
Planted.....1,000 acres	175	230	275	1,360	1,702	1,764
Harvested1,000 acres	172	226	272	1,316	1,649	1,711
Yield..... Pounds	1,900	1,940	2,030	1,867	1,754	1,760
Production..... 1,000 cwt	3,270	4,375	5,533	24,576	28,910	30,121
Corn, all						
Planted.....1,000 acres	2,600	2,550	2,350	95,365	90,597	87,999
Corn, grain						
Harvested1,000 acres	2,230	2,210	2,070	87,451	83,136	80,749
Yield..... Bushels	155.0	161.0	162.0	158.1	171.0	168.4
Production..... 1,000 bu	345,650	355,810	335,340	13,828,964	14,215,532	13,601,198
Corn, silage						
Harvested1,000 acres	350	320	260	6,281	6,371	6,221
Yield..... Tons	17.5	20.5	19.0	18.8	20.1	20.4
Production.....1,000 tons	6,125	6,560	4,940	118,296	128,048	126,894
Hay, all						
Harvested1,000 acres	940	980	970	57,897	57,062	54,437
Yield..... Tons	2.68	2.62	2.68	2.33	2.45	2.47
Production.....1,000 tons	2,518	2,570	2,604	135,002	139,923	134,388
Peppermint						
Harvested1,000 acres	700	(D)	D	68,500	63,500	65,200
Yield..... Pounds	60	(D)	D	89	90	90
Production.....1,000 lbs	42	(D)	D	6,115	5,719	5,882
Spearmint						
Harvested1,000 acres	1.7	(D)	D	24.5	24.4	27.2
Yield..... Pounds	70	(D)	D	119	114	113
Production.....1,000 lbs	119	(D)	D	2,926	2,784	3,070
Soybeans						
Planted.....1,000 acres	1,930	2,050	2,030	76,840	83,276	82,650
Harvested1,000 acres	1,920	2,040	2,020	76,253	82,591	81,849
Yield..... Bushels	44.5	42.5	49.0	44.0	47.5	48.0
Production..... 1,000 bu	85,440	86,700	98,980	3,357,984	3,927,090	3,929,885
Sugarbeets						
Planted.....1,000 acres	154	151	152	1,198	1,163	1,159
Harvested1,000 acres	153	150	151	1,154	1,146	1,144
Yield..... Tons	26.2	29.3	31.7	28.4	27.3	30.8
Production.....1,000 tons	4,009	4,395	4,787	32,789	31,285	35,278

(D) Withheld to avoid disclosing data for individual operations.

Michigan Winter Wheat Seedings

Michigan winter wheat seeded area for 2016 is estimated at 580,000 acres, an increase of 14 percent from last year. Winter Wheat seeding began in early September, on pace with the five year average. Growers finished winter wheat planting by the first week in November, and unseasonably warm temperatures aided emergence, with the entire crop emerged by mid-November.

U. S. winter wheat planted area for harvest in 2016 is estimated at 36.6 million acres, down 7 percent from 2015 and 14 percent below 2014. Seeding began in early September and remained at or behind the 5-year average seeding pace through the middle of November when seeding was mostly complete.

Winter wheat area seeded, 2014 - 2016

Item	Michigan			United States		
	2014	2015	2016	2014	2015	2016
Planted 1,000 acres	550	510	580	42,409	39,461	36,609
Harvested 1,000 acres	470	475		32,299	32,257	
Yield Bushels	74	81		42.6	42.5	
Production 1,000 bushels	34,780	38,475		1,377,216	1,370,188	

November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2015 are listed in the table below. Some Michigan highlights were: November corn, at \$3.50 per bushel, was down \$0.13 from October and decreased \$0.06 from last year; November soybeans, at \$8.30 per bushel, was down \$0.43 from last month and decreased \$1.80 from last year; November wheat, at \$5.81 per bushel, was up \$0.17 from October and increased \$0.05 from last year; November milk, at \$17.80 per cwt., was up \$0.50 from last month, but decreased \$5.20 from last year.

The November Prices Received Index (Agricultural Production), at 92, increased 3.4 percent from October. At 82, the Crop Production Index is

up 2.5 percent. At 105, the Livestock Production Index increased 1.0 percent. Producers received higher prices for market eggs, lettuce, milk, and strawberries but lower prices for hogs, soybeans, calves, and corn. In addition to prices, the indexes are influenced by the monthly mix of commodities producers market. Increased monthly movement of corn, cattle, milk, and cotton offset the decreased marketing of soybeans, grapes, potatoes, and wheat.

The Prices Received Index is down 9.8 percent from the previous year. The Food Commodities Index, at 101, increased 6.3 percent from the previous month but is down 16 percent from November 2014.

Prices Received by Farmers¹, November 2015

Commodity	Michigan			United States		
	Nov 2014	Oct 2015	Nov 2015	Nov 2014	Oct 2015	Nov 2015
Beans, dry edible..... dollars/cwt	33.90	28.60	27.00	30.60	27.30	27.10
Corn dollars/bu	3.56	3.63	3.50	3.60	3.67	3.60
Hay, alfalfa dollars/ton	185.00	180.00	200.00	182.00	156.00	150.00
Hay, other..... dollars/ton	140.00	140.00	170.00	127.00	124.00	127.00
Oats..... dollars/bu	3.27	1.89	1.84	2.95	2.20	2.10
Potatoes dollars/cwt	(D)	(D)	(D)	8.19	7.23	8.20
Soybeans dollars/bu	10.10	8.73	8.30	10.20	8.81	8.68
Wheat, winter dollars/bu	5.76	5.64	5.81	5.87	4.79	4.66
Milk, all dollars/cwt	23.00	17.30	17.80	23.00	17.70	18.20

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.11 million head, down 60,000 head from a year ago. Breeding hog inventory, at 110,000 head, was unchanged from last December. Market hog inventory, at 1,000,000 head, was down 5.7 percent from last year. The average pigs saved per litter for the September to November quarter at 10.7 was up 0.5 pigs from last year.

United States inventory of all hogs and pigs on December 1, 2015 was 68.3 million head. This was up 1 percent from December 1, 2014, and up slightly from September 1, 2015. This is the highest inventory of all hogs and pigs since quarterly United States estimates began in 1988. Breeding

inventory, at 6.00 million head, was up 1 percent from last year, and up slightly from the previous quarter. Market hog inventory, at 62.3 million head, was up 1 percent from last year, and up slightly from last quarter. This is the highest market hog inventory since quarterly United States estimates began in 1988.

United States hog producers intend to have 2.84 million sows farrow during the December-February 2016 quarter, down 2 percent from the actual farrowings during the same period in 2015, but up 3 percent from 2014. Intended farrowings for March-May 2016, at 2.85 million sows, are down slightly from 2015, but up 1 percent from 2014.

Hog inventory and farrowings: Michigan and United States, December 1, 2015

Hogs and pigs	Michigan			U.S.		
	2014	2015	Change	2014	2015	Change
	1,000 head	1,000 head	Percent	1,000 head	1,000 head	Percent
Breeding	110	110	0	5,939	6,002	1
Market	1,060	1,000	-6	61,838	62,297	1
Under 50 pounds	310	275	-11	19,801	19,508	-1
50-119 pounds	245	250	2	17,366	17,282	0
120-179 pounds	250	230	-8	13,000	13,210	2
180+ pounds	255	245	-4	11,671	12,296	5
Total	1,170	1,110	-5	67,776	68,299	1
Sows farrowed, Sep-Nov	53	50	-6	2,994	2,875	-4
Pigs/litter, Sep-Nov	10.20	10.70	5	10.23	10.53	3
Pig crop, Sep-Nov	541	535	-1	30,633	30,271	-1
Sows farrowing, Dec-Feb ^{1 2}	52	49	-6	2,895	2,840	-2
Sows farrowing, Mar-May ^{1 2}	50	49	-2	2,854	2,850	0

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Michigan totaled 13.1 million during November, down 1 percent from a year ago. Egg production totaled 322 million eggs, up 1 percent from last year. The rate of lay during November was 2,454 eggs per 100 layers. On December 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 9.4

million egg-type eggs in incubators, down 3 percent from a year earlier. In the same region, there were 14.3 million broiler-type eggs in incubators, unchanged from the previous year. There were 21.1 million turkey poult hatched in the U.S. in November, down 4 percent from the previous year.

Egg and Hatchery Production, November 2015

Item	Unit	2014	2015	Percent Change
Michigan				
All layers	Thou	13,200	13,120	-1
Eggs per hundred layers	Num	2,409	2,454	2
Eggs produced	Mil	318	322	1
East North Central Region				
Eggs in incubators, Dec 1				
Egg-type	Thou	9,710	9,376	-3
Broiler type	Thou	14,257	14,268	0
U.S.				
All Layers	Thou	364,017	339,073	-7
Eggs per hundred layers	Num	2,311	2,259	-2
Eggs produced	Mil	8,411	7,660	-9
Turkey Eggs in incubators, Dec 1	Thou	28,964	25,612	-12
Turkey Poults hatched, Nov	Thou	21,936	21,067	-4

December 1 Grain Stocks

On December 1, 2015, Michigan corn stocks totaled 276.6 million bushels, 2 percent lower than a year earlier. About 67 percent of the corn was stored on farms. The first quarter disappearance was 86.7 million bushels, compared with 108.5 million bushels a year earlier. Soybean stocks on December 1, 2015, were 64.2 million bushels. That was 1 percent lower than stocks a year earlier. The first quarter indicated disappearance was 39.3 million bushels. Farm stocks of soybeans were 28.0 million bushels. Wheat stocks on December 1, 2015, were 33.2 million bushels, 18 percent above a year ago. Approximately 92 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 7.4 million bushels, 14.3 percent of supply.

November Milk Production

Dairy herds in Michigan produced 836 million pounds of milk during November, up 6.4 percent from a year ago. The daily rate per cow was 68.0 pounds, up 2.3 pounds from November 2014. The dairy herd was estimated at 410,000 head for November, up 11,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$17.80 per cwt., \$5.20 less than the price in November 2014.

Michigan Dairy Summary, November 2015

Item		2013	2014	2015
Cows	1,000 Hd	380	399	410
Milk per cow	Lb/day	64.3	65.7	68.0
Production	Mil lbs	733	786	836
Milk price, all	Dol/cwt	21.70	23.00	17.80
Fat test	Pct	3.83	3.81	3.75
Protein ¹	Pct	3.25	3.21	3.18

¹ FMO 33

PRST STD
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38

USDA NASS Great Lakes Region
P.O. Box 30239
Lansing, MI 48909-9983
(517) 324-5300 FAX (855) 270-2709
Email: nassrfglr@usda.gov

Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!